Service Manual
for
RTP-1000

Jmc *Japan Marina Co., Ltd.*

Revision History

No.	DATE	Contents	Version	Author
1	04/10/14		1.00	T.KOGURE
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1. Preface

This document is the Operation Specification of Portable transceiver for ATLANTIS 250/CE

2. Features

- MRN Channels: International
- EMG 16CH / 09CH mode
- Battery Level Display
- Programmable Scan
- Triple Watch
- TX Power Select (1W/5W)
- Channel Select (UP(▲) / DOWN(▼) sw)
- Key Lock On/Off
- Battery Save
- MRN Channels: All USA and Canadian (Hidden feauture)
- Free CH Active/Inactive SELECT
- This feature will allow the radio will step to the next channel that has been memorized for scan channel.

3. Layout

*The dimension of this layout is different from the actual design and is intended for reference only.

4. Controls

a) Push Type SW

Table 4-1. Push Switches

▲	Channel Up & Auto Repeat
▼	Channel Down & Auto Repeat
LOCK	This key will press and hold, it is possible to set Key Lock On/Off.
TRI	This key will press the unit will be Triple Watch mode.
MEM	This key will press, the radio will step to the next channel that has been memorized for scan channel. This key will press and hold, the current channel will register as memory channel.
SCAN	This key will press, it is possible to set Scan mode On / Off. This key will press and hold, it is possible to select USA / International / Canadian mode. (Hidden feature)
1/5W	TX Power 1W / 5W select.
16/9	This key will press, it is possible to access channel emergency 16 or 09 quickly.
PTT	Push-to-talk

b) Rotary Knob

Volume	Volume adjustment & Power supply On/Off
Squelch	Squelch adjustment

c) Other Type SW
Nothing.

5. Display

*The design is different from the actual design and is intended for reference only.

Fig5- 1. LCD Displays

TX (Transmit) - This indicator will appear only when the [PTT] sw is pressed and the radio is sending a transmission.
1W / 5W - This indicator will indicate whether the transmitting power is 1W or 5W.
US / INT / CAN – This indicator will show the mode that the channel is in.
(Hidden feauture)
MEM - This indicator will be displayed if the displayed channel is programmed into the memory for scanning.
SCAN - This indicator will be displayed while in scan mode.
TRIPLE - This indicator will be displayed when Triple Watch is On.
LOCK - This indicator will appear only when Key Lock Function is On.
WX – Not indicate.
ALERT - Not indicate.
Battery Level Meter (leftmost meter) - When the battery is fully charged the display would look as the sample display. Battery levels are 7 levels of 0 to 5 and empty, which consist of five indicators.
CH Indicators (rightmost two 7seg. indicators) - These indicators will show the present channel number.

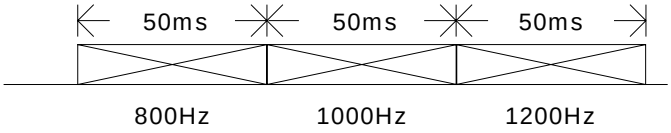
6. Tones

6.1. THE KIND OF TONES

- Power On Tone — This sounds when Radio's power is turned on.
- Key Touch Tone (single tone) — This sounds when a switch is pressed.
- Key Touch Tone (double tone) — This sounds when a switch is pressed and hold for 2 seconds.
- Error Tone — This sounds when pressed switch is invalid.
- PTT Error Tone — This sounds when pressed [PTT] sw is invalid.
- TX Time Out Tone — This sounds when a transmitting time exceeds 5 minutes.

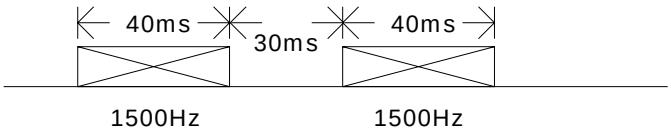
6.2. TIMING DETAILS

Power On Tone



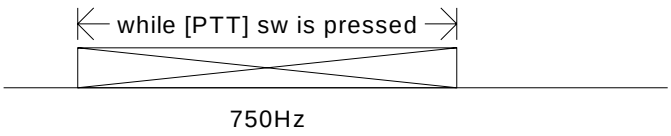
Key Touch Tone (single tone)

Key Touch Tone (double tone)



Error Tone

PTT Eror Tone
(TX Time Out Tone)



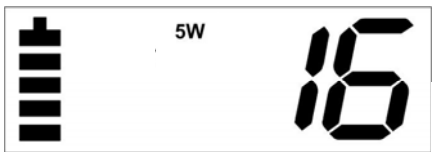
7. Operations

7.1. COMMON NOTES

1. When all keys except [PTT] sw is pressed, back light lights up for 5 seconds.
   But TX Power Select temporary by [1/5W] sw is pressed while transmitting is an exception.

7.2. POWER SUPPLY ON/OFF

1. If [Volume] knob turned clockwise in the state of a power supply is Off.
   →The power of radio will be turned On, Power On Tone will sound and the channel display will previous CH.



2. If [Volume] knob turned counterclockwise to an end, in the state of a power supply is On.
   →The power of radio will be turned Off.

Factory default setting	The initial setting right after Power supply On
MRN CH = 16CH	MRN CH = previous setting(U/I/C each mode)
EMG 16 CH / 09CH mode = Off	EMG 16 CH / 09CH mode = Off
Triple Watch = Off	Triple Watch = Off
SCAN mode = Off	SCAN mode = Off
MEMORY CH = all CH MEMORY Off	MEMORY CH = previous setting
KEY LOCK = Off	KEY LOCK = Off
TX Power = 5W	TX Power = previous setting
KEY TOUCH TONE = ON	KEY TOUCH TONE = previous setting
* Following, Hidden feature setting	
UIC Change feature = OFF	UIC Change feature = previous setting
CH mode = INT	CH mode = previous setting
Free CH Mode = Invalid	Free CH Mode = previous setting

*When power supply On, a back light lights up for 5 seconds.

*When [PTT] sw is pressed continuously at the time of power supply On, it cannot transmit. PTT Error Tone sounds and "TX" icon and CH indicators blink as long as [PTT] sw is pressed.

7.3. CHANNEL SELECT

1. Press [▲] sw to increment the Channel number.

   01 → 02 → 03 → 04 → 05 → 06 → 07 ····· 88
   ↑ _____ ↓

2. Press [▼] sw to decrement the Channel number.

   01 ← 02 ← 03 ← 04 ← 05 ← 06 ← 07 ····· 88
   ↓ _____ ↑

*Continuous pressing of [▲]/[▼] sw for 0.5 seconds will activate the Auto Repeat function causing the channel to change at 100ms interval.

*While scanning, this function is invalid. When staying the channel, although [▼] sw is invalid, [▲] sw resumes SCAN from the next channel.

*In state of Triple Watch is On, CHANNEL SELECT is effective.

*In the case of EMG 16CH or 09CH mode, Emergency mode is canceled.

* TX Power is set to 5W when it changes into 16CH (it contains EMG16CH). (Backup is not carried out)

7.4. TX POWER 1W/5W SELECT

1. Press [1/5W] sw in the state of a TX POWER 5W.
   →It is set to TX POWER 1W, and "1W" icon appears.
2. Press [1/5W] sw in the state of a TX POWER 1W.
   →It is set to TX POWER 5W, and "5W" icon appears.

Tx Power 1W

*In channels to which transmission was forbidden in MRN mode, [1/5W] sw is invalid and "1W/5W" icon is not displayed.

*[1/5W] sw is invalid at the CH of TX POWER 1W only. At this CH, the "1W" icon is displayed even if TX POWER is beforehand set as TX POWER 5W.

Tx Power 5W

3. When it keeps pressing [1/5W] sw while Transmitting in the state of a TX POWER 1W.
   →It is set to TX POWER 5W and "5W" icon appears temporarily as long as [1/5W] sw is pressed.

Tx Power 1W

Tx Power 5W (temporary)

*Even if [1/5W] sw is pressed while transmitting in the state of a TX POWER 5W, it will not be set to TX POWER 1W.
*This is always effective when [PTT] sw and [1/5W] sw are pressed simultaneously even if which is pressed previously. (Other switches do not influence this.)

7.5. TRANSMITTING

1. Press [PTT] sw.
   →Radio will be in Transmit (TX) mode while [PTT] sw pressed. "TX" icon appears.
2. Release [PTT] sw.
   →Radio will return to Receive (RX) mode and "TX" icon disappears.

RX mode

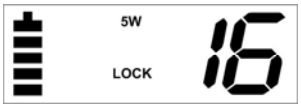
TX mode

*When [PTT] sw is continuing being pressed at the time of power supply On, then transmit is impossible. PTT Error Tone sounds and "TX" icon and CH indicators blink as long as [PTT] sw is pressed. (PTT Error)
*When Battery Level is 0, it is the same as the above-mentioned. (PTT Error)
*In the channel to which transmission is forbidden in MRN mode, transmission is impossible. Sound and displays are the same as the above-mentioned. (PTT Error)
*It is 5 minutes that it can transmit continuously. If it passes over 5 minutes, transmitting is canceled, TX Time Out Tone sounds and "TX" icon blinks as long as [PTT] sw is pressed.
*When [PTT] sw is pressed, SCAN mode, and Triple Watch are canceled. Emergency mode is not canceled.

7.6. KEY LOCK ON/OFF

1. When it keeps pressing [LOCK] sw for 2 seconds in state of KEY LOCK Off
   →It is set to KEY LOCK On and "LOCK" icon appears.
2. When it keeps pressing [LOCK] sw for 2 seconds in state of KEY LOCK On
   →It is set to KEY LOCK Off and "LOCK" icon disappears.

*When KEY LOCK is On, only [PTT] sw is valid. However, the TX Power Select while transmitting is also valid. If the other switch is pressed, Error Tone will sound.



KEY LOCK On

7.7. BATTERY SAVE

On/Off of this function cannot be operated and a display is not performed.

*The function that prolongs a battery life by turning off a RX Power at regular intervals.
*When it is in Receive mode and Squelch is busy, BATTERY SAVE is not worked. After the above-mentioned is completed after 3 seconds, BATTERY SAVE is worked.
*When SCAN mode is On or Triple Watch is On, this does not function.

7.8. BATTERY LEVEL DISPLAY

The Battery Level Meter always indicates the current battery voltage level. A Battery Level is indicated for 7 steps as 0 to 5 and empty.
In the case of levels 1-5, the number of the meter in which it is displayed is the same as each level. For example, in the case of a level 1, only the indicator of the bottom of meter is displayed.
In the case of a level 0, the indicator of the bottom of meter blinks.

*Transmission is impossible if the Battery Level 0 is detected when [PTT] sw is pressed. As long as [PTT] sw is pressed, a PTT Error Tone sounds and "TX" icon and CH indicators blink. Although the battery level is 0, it is possible to receive.

Ex. Battery Level 3

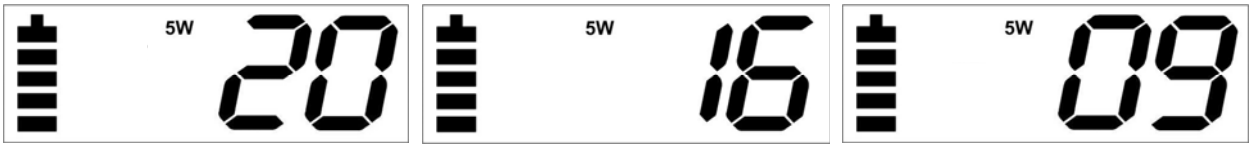
Ex. Battery Level 0
(TX mode)

When voltage falls rather than Level 0, the right figure is displayed.
In Battery Empty, all sw is inhibit and neither receive nor transmission is carried out at this time. It is necessary to charge or change new battery.

Ex. Battery Empty

7.9. EMERGENCY (EMG) 16CH/09CH MODE

1. Press [16/9] sw at except Emergency (EMG) 16CH and 09CH mode.
   →EMG 16CH mode On, and it is displayed on CH Indicators as "16".
2. Press [16/9] sw at EMG 16CH mode.
   →EMG 16CH mode Off and EMG 09CH mode On, and it is displayed on CH indicators as "09".
3. Press [16/9] sw at EMG 09CH mode.
   →EMG 09CH mode Off, and return to normal mode MRN CH.



MRN 20CH → **EMG 16CH** → **EMG 09CH**

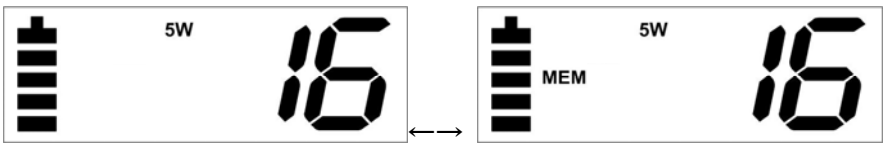
↑ ↓

4. Press [16/9] sw at 16CH or 09CH of MRN mode.
   a) In the case of normal 16CH mode normal 16CH ←→ EMG 09CH
   b) In the case of normal 09CH mode normal 09CH ←→ EMG 16CH

*When it is in Emergency mode, Triple Watch and SCAN mode are interrupted.

7.10. MEMORY CH SET/CANCEL

1. Press and hold [MEM] sw for 2seconds at not Memory Channel.
   →The channel is set to Memory Channel and "MEM" icon appears.
2. Press and hold [MEM] sw for 2seconds at Memory Channel.
   →The channel is canceled from Memory Channel and "MEM" icon disappears.



NOT Memory Channel **Memory Channel**

*This function is valid when it is in Emergency mode or staying by Triple Watch.

*While scanning, Memory Channel CANCEL cannot be performed.

*If [MEM] sw is press and hold while staying channel in SCAN mode, the Memory Channel is canceled.

*If repeat the above-mentioned operation in SCAN mode, a Memory Channel is canceled one by one. Then, when Memory Channels become only one channel, SCAN mode will be canceled and will turn into MRN mode.

*It cannot be cancel all Memory Channels at the same time.

7.11. TRIPLE WATCH

1. Press [TRI] sw in state of Triple Watch Off.
   →It is set to Triple Watch On and "TRIPLE" icon appears.
2. Press [TRI] sw in state of Triple Watch On.
   →It is set to Triple Watch Off and "TRIPLE" icon disappears.

Triple Watch On

*When Triple Watch is On, EMG 16CH and EMG 09CH are watched at a fixed interval.

*Watch CH of Triple Watch cannot be changed from EMG 16CH and EMG 09CH.

*When it is set to Triple Watch Off, it returns to Current CH (= the channel currently displayed when it is set to Triple Watch) even if it stays on EMG 16CH or EMG 09CH.

***Triple Watch is performed even if the current ch is busy.

*Triple Watch is carrying out scan of EMG 16CH, EMG 9CH and Current CH at the fixed interval.

*If a signal is in EMG 09CH of Watch CH, it will be in the Stay state of EMG 09CH, and Dual watch of EMG 09CH and EMG 16CH is performed, and watch of Current CH will not carry out.

*If a signal is in EMG 16CH of Watch CH, it will be in the Stay state of EMG 16CH, and watch of EMG 09CH and Current CH will not carry out.

*Triple Watch will be resumed if a signal is lost for 2 seconds (Drop Out Delay Time) in the Stay state of Triple Watch On.

*It becomes a Dual Watch when Triple Watch is turned on by normal 16CH or normal 09CH.

*If [16/9] sw is pressed in a state of Triple Watch On, Triple Watch will be interrupted temporarily and it will always be set to EMG 16CH mode. If [16/9] sw is pressed once again, it will be set to EMG 09CH mode, and Triple Watch will be resumed if [16/9] sw is pressed further.

7.12. SCAN MODE ON/OFF

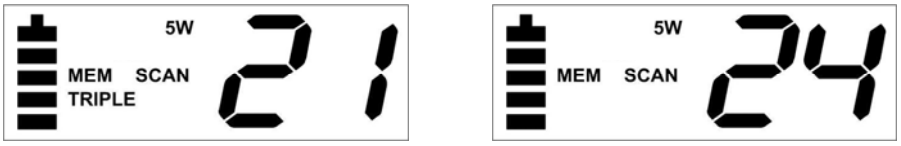
1. Press [SCAN] sw in state of SCAN mode Off.
   →It is set to Triple Watch SCAN On, "SCAN" and "TRIPLE" icons appear.
2. Press [SCAN] sw in state of SCAN mode On.
   →It is set to SCAN mode Off, "SCAN" icon disappears. When "TRIPLE" icon is displayed, this icon also disappears.

*There are the following kinds of SCAN mode.

- Triple Watch SCAN
  Memory CH is scanned, and EMG 16CH and EMG 09CH are watched every 2 seconds.
- NORMAL SCAN
  Only Memory CH is scanned. Triple Watch in a fixed interval isn't performed.

*When SCAN mode is turned On, it will start Triple Watch SCAN in the ascending order.

*If [TRI] sw is pressed at SCAN mode On, Triple Watch SCAN and NORMAL SCAN will change.



Triple Watch SCAN ←→ **NORMAL SCAN**

*When [SCAN] sw is pressed into Triple Watch SCAN, Triple Watch and SCAN are Off.

*If [SCAN] sw is pressed by EMG 16CH or EMG 09CH, EMG 16CH or EMG 09CH will be canceled and Triple Watch SCAN will be started.

*When the unit does not have Memory CH each Mode, it is not set to SCAN mode even if it presses [SCAN] sw. If there is only one Memory CH and [SCAN] sw is pressed, it will call the Memory CH, without being set to SCAN mode.

* If user press [▲] or [▼] sw while scanning state, the unit will sound error tone.

* The unit resumes SCAN from the next channel where the unit is STAYED, [▲] sw will resume in upward direction.

7.13 STEP Function

The user will push [MEM] sw to activate the step operation. If time this key is pushed, the radio will step to the next channel that has been placed into Memory.

7.14 KEY BEEP ON/OFF feature

The unit has the feature that turns ON/OFF Key Beep.

1. Power ON the unit by pressing the [▲] sw or [▼] sw
   → BEEP TONE function ON/OFF will be switched.

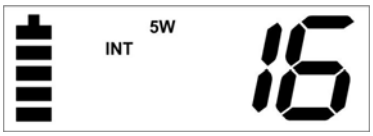
* The volume of TONE is not interlocked with volume adjustment.
* When BEEP TONE ON is set, ALL the BEEP TONE becomes enabled.
* When BEEP TONE OFF is set, ALL the BEEP TONE becomes disabled.

7.15 UIC Change feature active ON/OFF (Hidden feature)

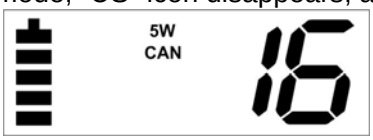
The unit power supply is turned on pushing [MEM] sw and [LOCK] sw for confirming private use which changes UIC.

-USA / INTERNATIONAL / CANADIAN MODE SELECT-

1. Press and hold [SCAN] sw for 2second at International mode.
   →It is set to Canadian mode, "INT" icon disappears, and "CAN" icon appears.
2. Press and hold [SCAN] sw for 2second at Canadian mode.
   →It is set to USA mode, "CAN" icon disappears, and "US" icon appears.
3. Press and hold [SCAN] sw for 2second at USA mode.
   →It is set to International mode, "US" icon disappears, and "INT" icon appears.



International mode



Canadian mode

USA mode

*If the mode changed, MRN CH is set to select previous CH in each mode.

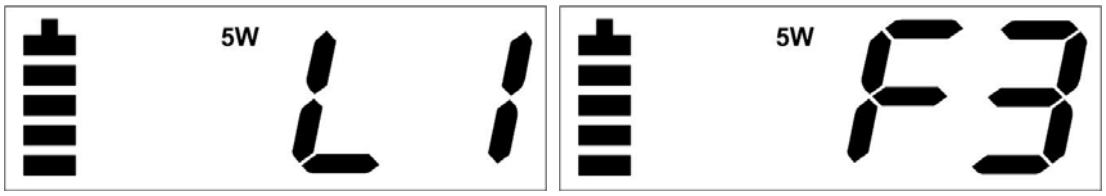
*Each of SCAN mode, Triple Watch, EMG 16CH or 09CH modeis canceled at this time.

7.16 Free CH active ON/OFF (Hidden feature)

Transmission and reception of 30,31,L1, L2, L3, F1, F2, F3 and M1 of 9CH are enabled in addition to existing MRN CH.

The unit power supply is turned on pushing [1/5W] sw and [16/9] sw .

→Active Mode(4 Mode)/Inactive of Free CH changes.



It changes with Inactive -> Mode1 -> Mode2 -> Mode3 -> Mode4.

- Mode1 : L1/L2/F1/F2/F3 active
- Mode2 : L1/L2/L3/F1/F2/F3 active
- Mode3 : 30/31 active
- Mode4 : M1 active (CH Display is “n1”)

CHANNEL SELECT

Press [▲] sw to increment the Channel number.

01 → 02 →····· 88 → (L1) → (L2) → (L3) → (F1) → (F2) → (F3) → (M1)

↑ _____ ↓

Press [▼] sw to decrement the Channel number.

01 ← 02 ····· 88 ← (L1) ← (L2) ← (L3)← (F1) ← (F2) ← (F3) → (M1)

↓ _____ ↑

* Active/Inactive of Free CH becomes effective also at the time of Power On next time.

8. Others

8.1. TIMING / SPECIFIC QUALITY

Table 8-1-1. SPECIFIC QUALITY

FUNCTION	CONTENTS	UNIT	REM.
BATTERY SAVE TIMING (Battery Save On)	130	ms	
BATTERY SAVE TIMING (Battery Save Off)	500	ms	
SCANNING SPEED	100	ms	per CH
Watch INTERVAL of TRIPLE WATCH	2	sec	
Watch TIME of TRIPLE WATCH	100 / 100	ms	09CH/16CH
DROP OUT DELAY TIME (SCAN, DW)	2.0	sec	
CH Indicator Blink TIME	300 - 300	ms	ON-OFF TIMING
CH Indicator Blink TIME (PTT Error)	300 - 300	ms	ON-OFF TIMING
TX icon Blink TIME (TX TIME OUT)	300 - 300	ms	ON-OFF TIMING

8.2. FREQUENCY LIST

Table 8-2-2. MRN BAND

USA / CANADA / INTERNATIONAL

Note: Lo = TX Lo Power only / DUP, D = RX Duplex CH / INH = TX, RX INHIBIT

MODE	USA	MODE		INT	MODE		CAN	MODE	
CH NO	TX FRQ.(MHz)	RX FRQ.(MHz)	note	TX FRQ.(MHz)	RX FRQ.(MHz)	note	TX FRQ.(MHz)	RX FRQ.(MHz)	note
1	156.050	156.050		156.050	160.650	DUP	156.050	160.650	DUP
2			INH	156.100	160.700	DUP	156.100	160.700	DUP
3	156.150	156.150		156.150	160.750	DUP	156.150	160.750	DUP
4			INH	156.200	160.800	DUP	156.200	156.200	
5	156.250	156.250		156.250	160.850	DUP	156.250	156.250	
6	156.300	156.300		156.300	156.300		156.300	156.300	
7	156.350	156.350		156.350	160.950	DUP	156.350	156.350	
8	156.400	156.400		156.400	156.400		156.400	156.400	
9	156.450	156.450		156.450	156.450		156.450	156.450	
10	156.500	156.500		156.500	156.500		156.500	156.500	
11	156.550	156.550		156.550	156.550		156.550	156.550	
12	156.600	156.600		156.600	156.600		156.600	156.600	
13	156.650	156.650	Lo	156.650	156.650		156.650	156.650	Lo
14	156.700	156.700		156.700	156.700		156.700	156.700	
15	RX ONLY	156.750		156.750	156.750		156.750	156.750	Lo
16	156.800	156.800		156.800	156.800		156.800	156.800	
17	156.850	156.850		156.850	156.850		156.850	156.850	Lo
18	156.900	156.900		156.900	161.500	DUP	156.900	156.900	
19	156.950	156.950		156.950	161.550	DUP	156.950	156.950	
20	157.000	157.000		157.000	161.600	DUP	157.000	161.600	D,Lo
21	157.050	157.050		157.050	161.650	DUP	157.050	157.050	
22	157.100	157.100		157.100	161.700	DUP	157.100	157.100	
23	157.150	157.150		157.150	161.750	DUP	157.150	161.750	DUP
24	157.200	161.800	DUP	157.200	161.800	DUP	157.200	161.800	DUP
25	157.250	161.850	DUP	157.250	161.850	DUP	157.250	161.850	DUP
26	157.300	161.900	DUP	157.300	161.900	DUP	157.300	161.900	DUP
27	157.350	161.950	DUP	157.350	161.950	DUP	157.350	161.950	DUP
28	157.400	162.000	DUP	157.400	162.000	DUP	157.400	162.000	DUP
30	157.500	162.100	D,Lo	157.500	162.100	D,Lo	157.500	162.100	D,Lo
31	157.550	162.150	D,Lo	157.550	162.150	D,Lo	157.550	162.150	D,Lo
60			INH	156.025	160.625	DUP	156.025	160.625	DUP
61	156.075	156.075		156.075	160.675	DUP	156.075	156.075	
62			INH	156.125	160.725	DUP	156.125	156.125	
63	156.175	156.175		156.175	160.775	DUP			INH
64	156.225	156.225		156.225	160.825	DUP	156.225	156.225	
65	156.275	156.275		156.275	160.875	DUP	156.275	156.275	
66	156.325	156.325		156.325	160.925	DUP	156.325	156.325	
67	156.375	156.375	Lo	156.375	156.375		156.375	156.375	
68	156.425	156.425		156.425	156.425		156.425	156.425	
69	156.475	156.475		156.475	156.475		156.475	156.475	
70	DSC ONLY	156.525		DSC ONLY	156.525		DSC ONLY	156.525	
71	156.575	156.575		156.575	156.575		156.575	156.575	
72	156.625	156.625		156.625	156.625		156.625	156.625	
73	156.675	156.675		156.675	156.675		156.675	156.675	
74	156.725	156.725		156.725	156.725		156.725	156.725	
75	156.775	156.775	Lo	156.775	156.775	Lo	156.775	156.775	Lo
76	156.825	156.825	Lo	156.825	156.825	Lo	156.825	156.825	Lo
77	156.875	156.875		156.875	156.875		156.875	156.875	
78	156.925	156.925		156.925	161.525	DUP	156.925	156.925	
79	156.975	156.975		156.975	161.575	DUP	156.975	156.975	
80	157.025	157.025		157.025	161.625	DUP	157.025	157.025	
81	157.075	157.075		157.075	161.675	DUP	157.075	157.075	
82	157.125	157.125		157.125	161.725	DUP	157.125	157.125	
83	157.175	157.175		157.175	161.775	DUP	157.175	157.175	
84	157.225	161.825	DUP	157.225	161.825	DUP	157.225	161.825	DUP
85	157.275	161.875	DUP	157.275	161.875	DUP	157.275	161.875	DUP
86	157.325	161.925	DUP	157.325	161.925	DUP	157.325	161.925	DUP
87	157.375	161.975	DUP	157.375	157.375		157.375	161.975	DUP
88	157.425	157.425		157.425	157.425		157.425	162.025	DUP
L1	155.500	155.500		155.500	155.500		155.500	155.500	
L2	155.525	155.525		155.525	155.525		155.525	155.525	
L3	155.650	155.650		155.650	155.650		155.650	155.650	
F1	155.625	155.625		155.625	155.625		155.625	155.625	
F2	155.775	155.775		155.775	155.775		155.775	155.775	
F3	155.825	155.825		155.825	155.825		155.825	155.825	
M1	157.850	157.850		157.850	157.850		157.850	157.850	

8.3. APPENDIX

・Battery Charging

Please shut off a power supply, when a battery is charged.

9. Revision

1.00->1.01

P15 Clerical error correction

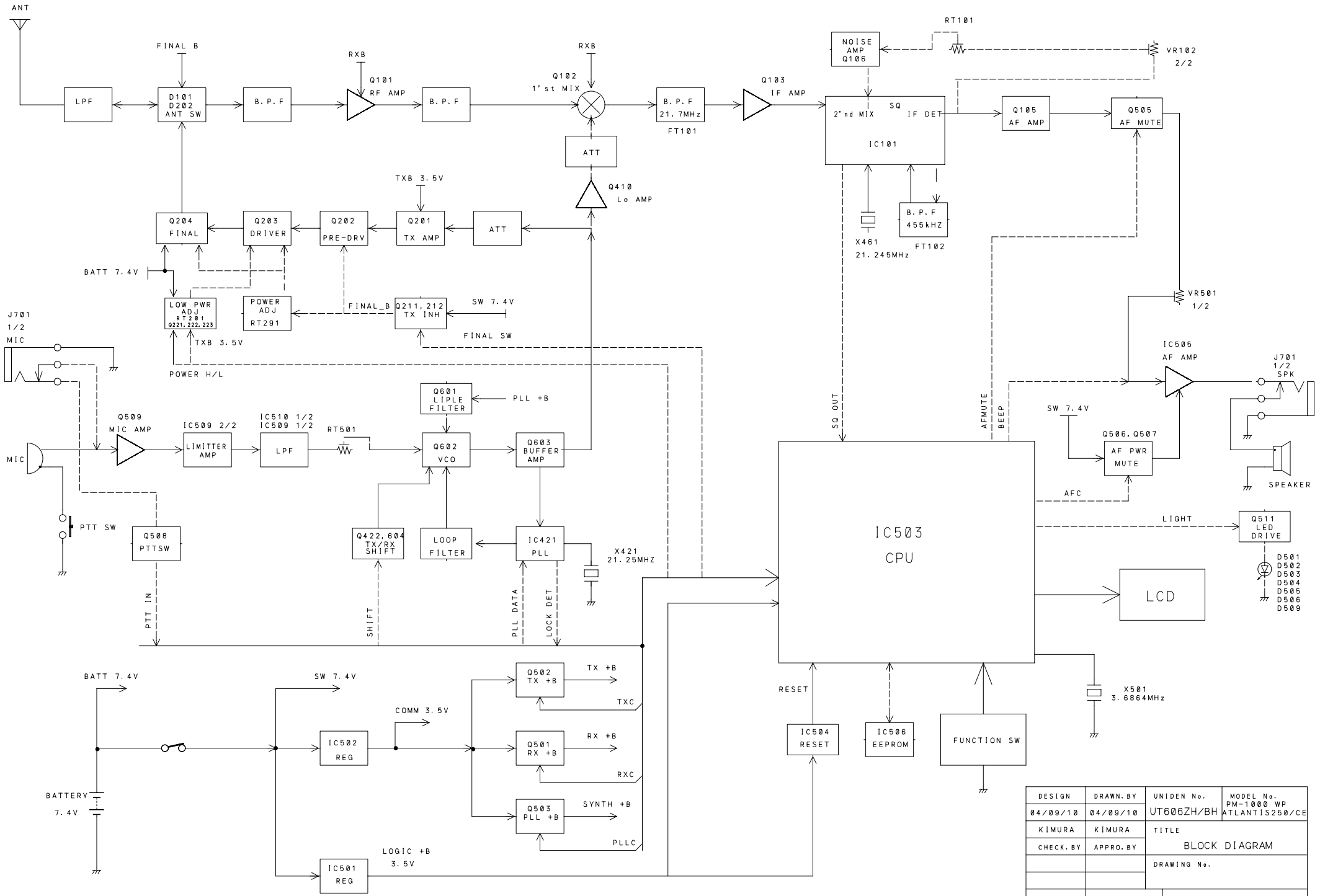
1. Press and hold [MEM] sw for 2second at International mode.
   →It is set to Canadian mode, "INT" icon disappears, and "CAN" icon appears.
2. Press and hold [MEM] sw for 2second at Canadian mode.
   →It is set to USA mode, "CAN" icon disappears, and "US" icon appears.
3. Press and hold [MEM] sw for 2second at USA mode.
   →It is set to International mode, "US" icon disappears, and "INT" icon appears.

1.01->1.02

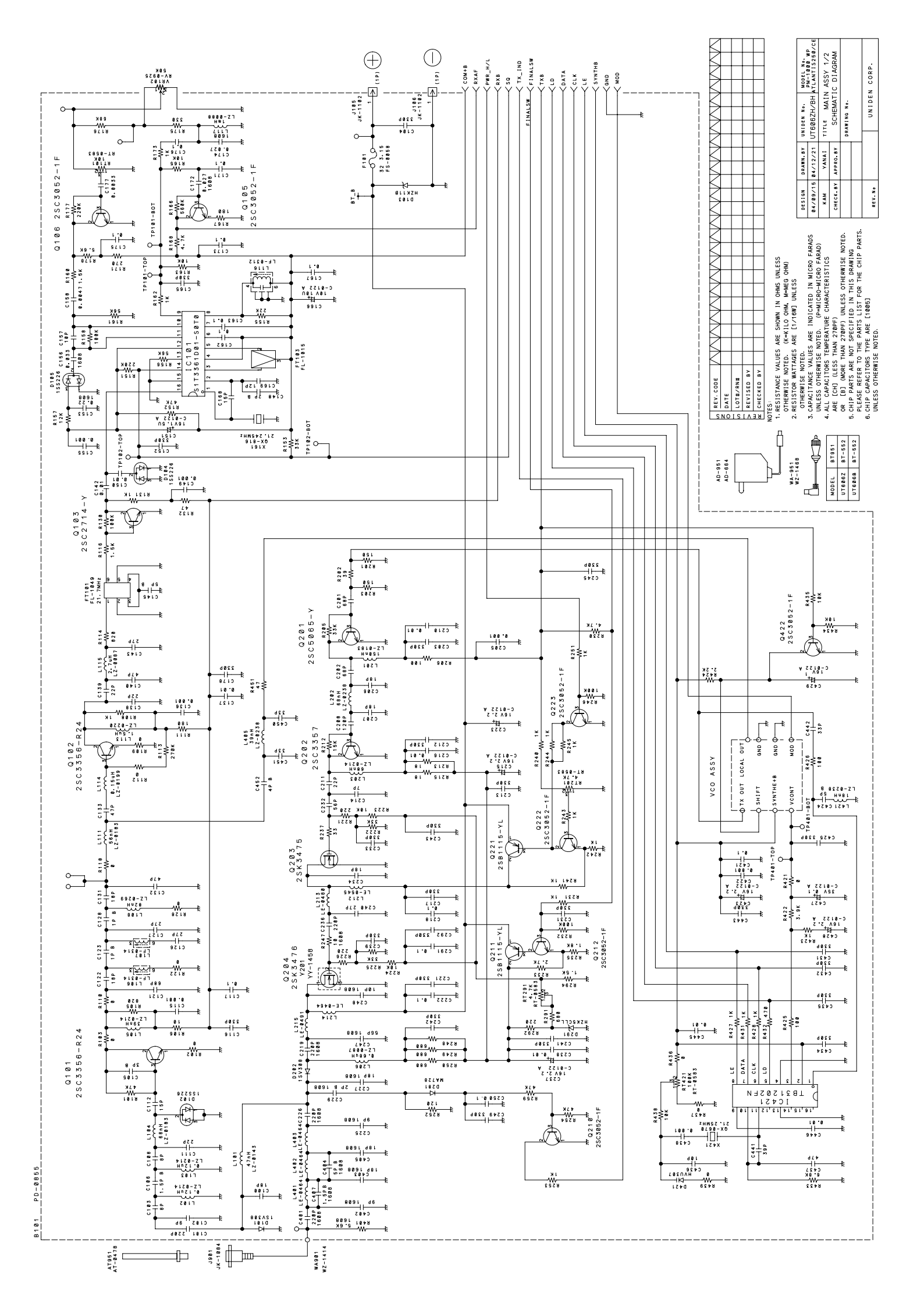
1. STEP Function Add
2. 30CH 31CH Add
3. INT Mode 87/88 CH DUPLEX -> SIMPLEX
4. M1 CH Add

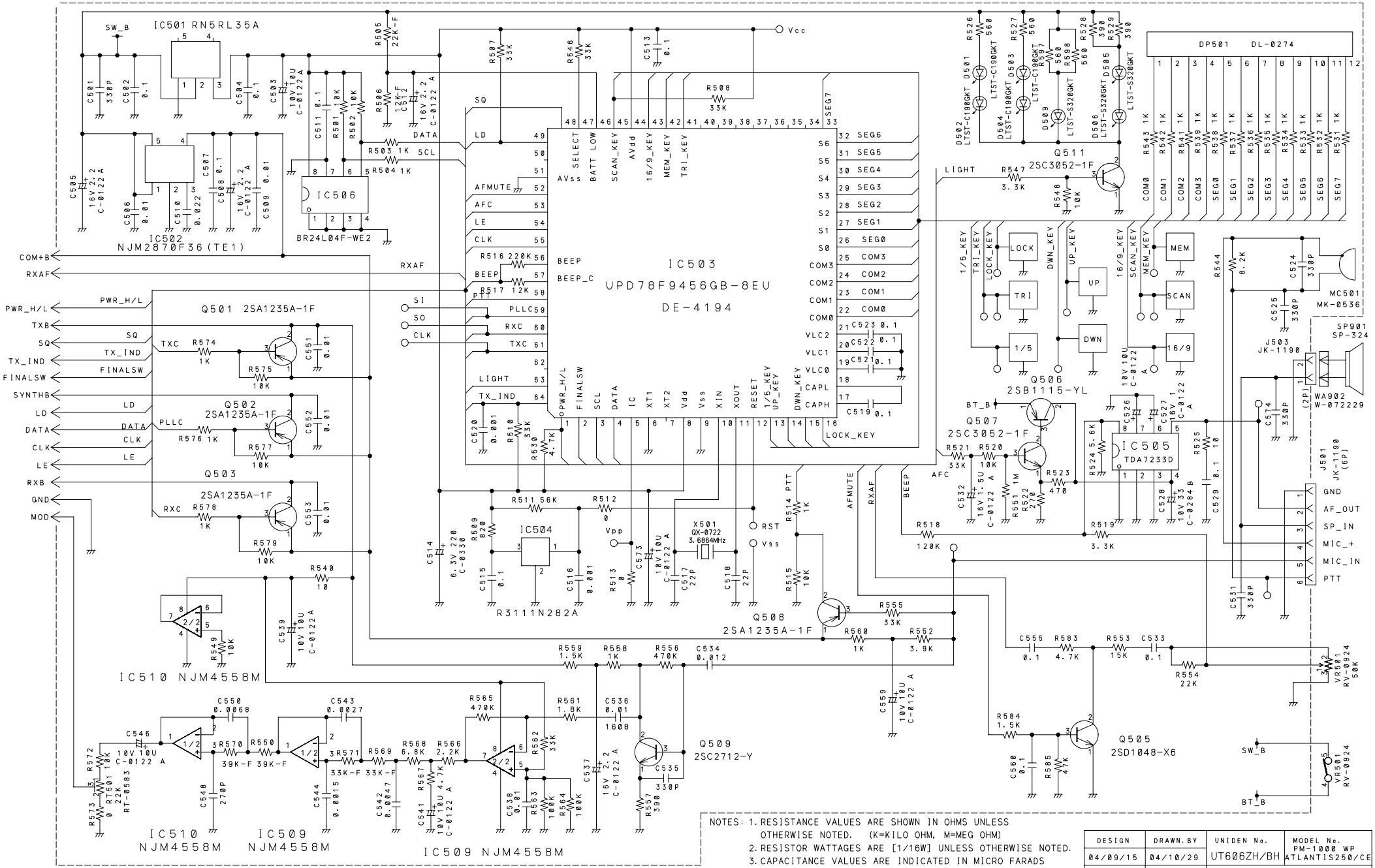
1.02->1.03

1. 31CH RX Frequency miss. 162.500MHz -> 162.150MHz



DESIGN	DRAWN. BY	UNIDEN No.	MODEL No.
04/09/10	04/09/10	UT606ZH/BH	PM-1000 WP ATLANTIS250/CE
KIMURA	KIMURA	TITLE	
CHECK. BY	APPRO. BY	BLOCK DIAGRAM	
		DRAWING No.	
REV. No		UNIDEN CORP.	

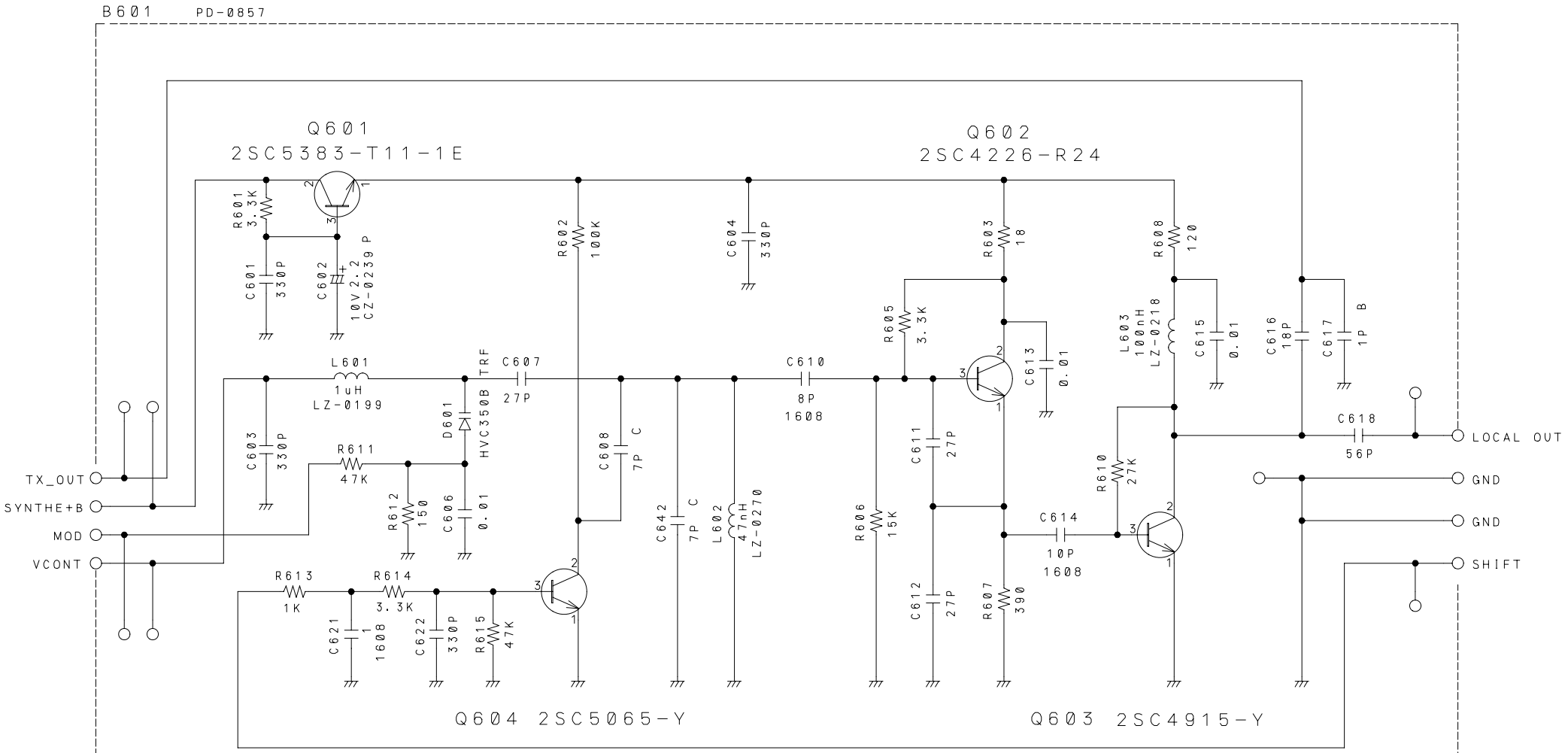

B101 PD-0865
Q106 2SC3052-1F
Q105 2SC3052-1F
Q103 2SC2714-Y
Q102 2SC3356-R24
Q101 2SC3356-R24
Q201 2SC5065-Y
Q202 2SC3357
Q203 2SK3475
Q204 2SK3476
Q221 2SB1115-YL
Q211 2SB1115-YL
Q222 2SC3052-1F
Q223 2SC3052-1F
Q212 2SC3052-1F
Q210 2SC3052-1F
Q422 2SC3052-1F
VCO ASSY
IC421 TB31202FN
IC101 S1T3361D01-S8T0
D105 1SS226
D104 1SS226
D102 1SV308
D101 1SV308
D103 MA728
D291 HZK5.6LL
D421 HVU307
D423 HZK11B
FT101 FL-1849 21.7MHz
FT102 FL-1015
FT103 FL-1015
X161 QX-016 21.24SMHz
X421 QX-8678 21.25MHz
F101 32 3.15 FS-0058
J105 JK-1102
J106 JK-1102
J901 JK-1084
AT951 AT-8478
WA901 WZ-1414
AD-951 AD-864
WA-951 WZ-1488
CON+B
RXAF
PWR_H/L
RXB
SQ
TX_IND
FINALSW
TXB
LD
DATA
CLK
LE
SYNTHB
GND
MOD
TP101-BOT
TP101-TOP
TP102-TOP
TP102-BOT
TP401-BOT
TP401-TOP
BT_B
TX OUT
LOCAL OUT
SHIFT
SYNTHB
VCONT
REVISIONS
REV.CODE
DATE
LOT#/RN#
REVISED BY
CHECKED BY
NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE [1/16W] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE [CH] (LESS THAN 270PF) OR [B] (MORE THAN 270PF) UNLESS OTHERWISE NOTED.
5. CHIP PARTS ARE NOT SPECIFIED IN THIS DRAWING PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.
6. CHIP CAPACITORS TYPE ARE [1005] UNLESS OTHERWISE NOTED.
MODEL
BT951
UT80GZ
BT-552
UT80GB
BT-552
DESIGN
DRAWN.BY
CHECK.BY
APPRO.BY
REV.No
84/09/15
84/12/21
KAM
YANAI
UNIDEN No.
UT80GZH/BH
TITLE
MAIN ASSY 1/2
SCHEMATIC DIAGRAM
DRAWING No.
MODEL No. WP
PWR-1000 WP
ATLANTIS250/CE
UNIDEN CORP.



NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE [1/16W] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE [CH] (LESS THAN 270PF) OR [B] (MORE THAN 270PF) UNLESS OTHERWISE NOTED.
5. CHIP PARTS ARE NOT SPECIFIED IN THIS DRAWING PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.
6. CHIP CAPACITORS TYPE ARE [1005] UNLESS OTHERWISE NOTED.

REVISIONS	
REV. CODE	
DATE	
LOT#/RN#	
REVISED BY	
CHECKED BY	

DESIGN	DRAWN. BY	UNIDEN No.	MODEL No.
04/09/15	04/10/29	UT606ZH/BH	PM-1000 WP ATLANTIS250/CE
KAM	YANAI	TITLE	MAIN ASSY 2/2 SCHEMATIC DIAGRAM
CHECK. BY	APPRO. BY		
		DRAWING No.	
REV. No		UNIDEN CORP.	

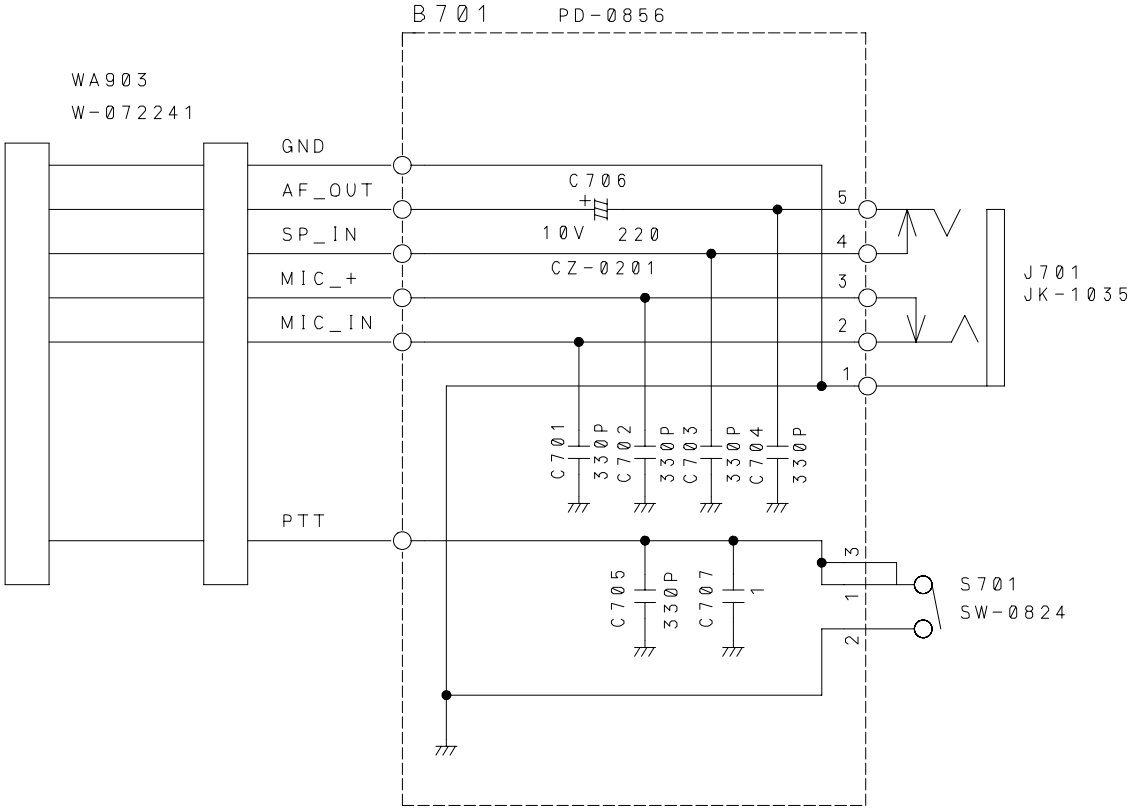


NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE [1/16W] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE [CH] (LESS THAN 270PF) OR [B] (MORE THAN 270PF) UNLESS OTHERWISE NOTED.
5. CHIP PARTS ARE NOT SPECIFIED IN THIS DRAWING PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

REVISIONS												
	REV. CODE											
	DATE											
	LOT#/RN#											
	REVISED BY											
	CHECKED BY											

DESIGN	DRAWN. BY	UNIDEN No.	MODEL No.
04/09/10	04/12/24	UT606ZH/BH	PM-1000 WP ATLANTIS250/CE
KAM	YANAI	TITLE	VCO ASSY SCHEMATIC DIAGRAM
CHECK. BY	APPRO. BY		
		DRAWING No.	
REV. No		UNIDEN CORP.	



NOTES:

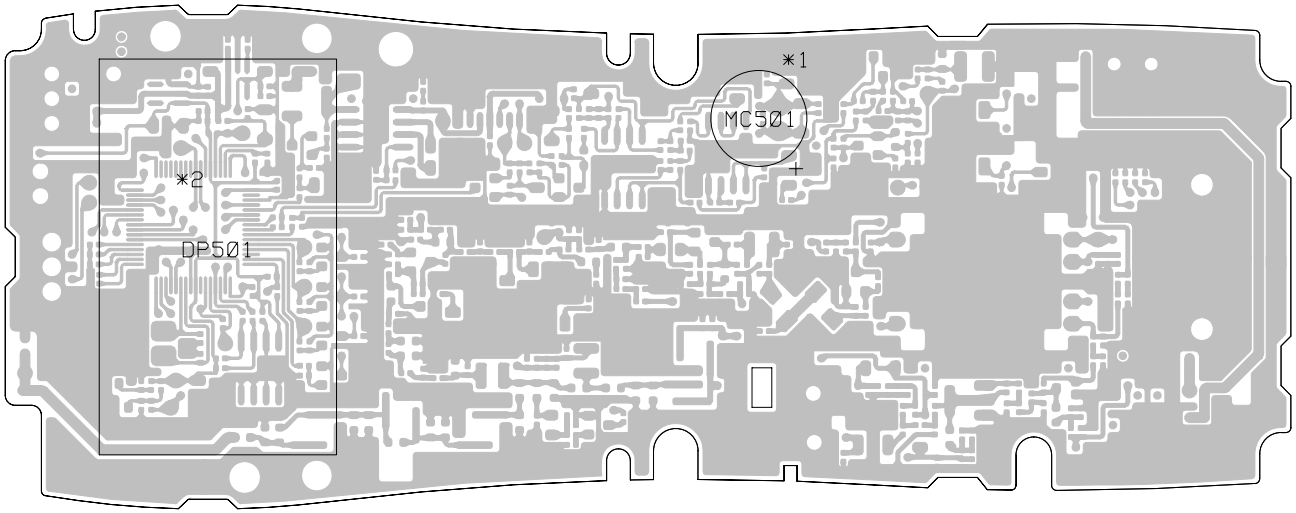
1. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
2. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE [CH] (LESS THAN 1000PF) OR [B] (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.
3. CHIP PARTS ARE NOT SPECIFIED IN THIS DRAWING PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.
4. CHIP CAPACITORS TYPE ARE [1608] UNLESS OTHERWISE NOTED.

REVISIONS																				
	REV. CODE																			
	DATE																			
	LOT#/RN#																			
	REVISED BY																			
	CHECKED BY																			

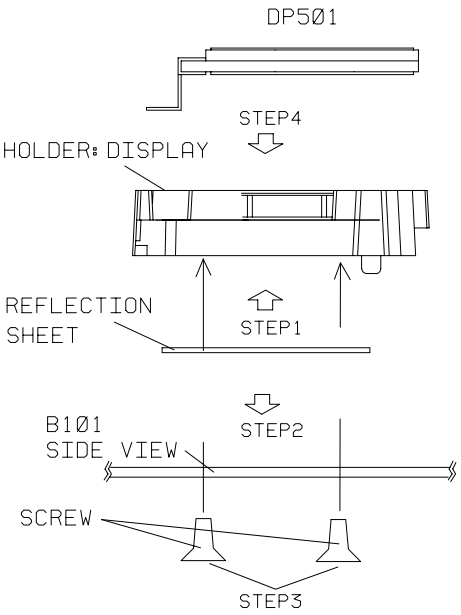
DESIGN	DRAWN. BY	UNIDEN No.	MODEL No.
	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
	YANAI	TITLE	JACK ASSY SCHEMATIC DIAGRAM
CHECK. BY	APPRO. BY		
		DRAWING No.	
REV. No		UNIDEN CORP.	

REVISIONS																						
	REV. CODE	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△
	DATE																					
	LOT#/RN#																					
	REVISED BY																					
	CHECKED BY																					

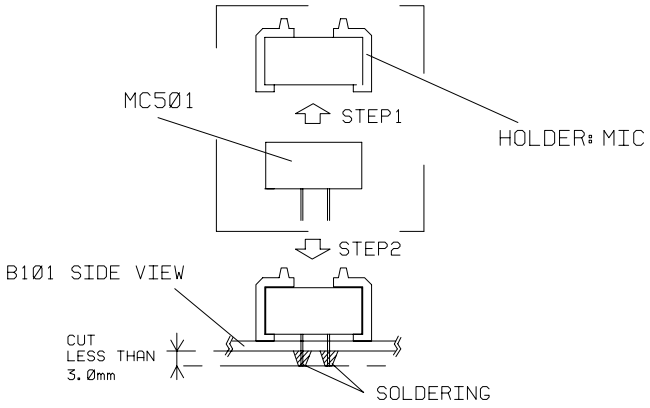
B101 PD-855BA (TOP VIEW)



*2: DP501



*1: MC501
INSERT TO MIC: HOLDER FIRST
BEFORE INSERT ON PCB



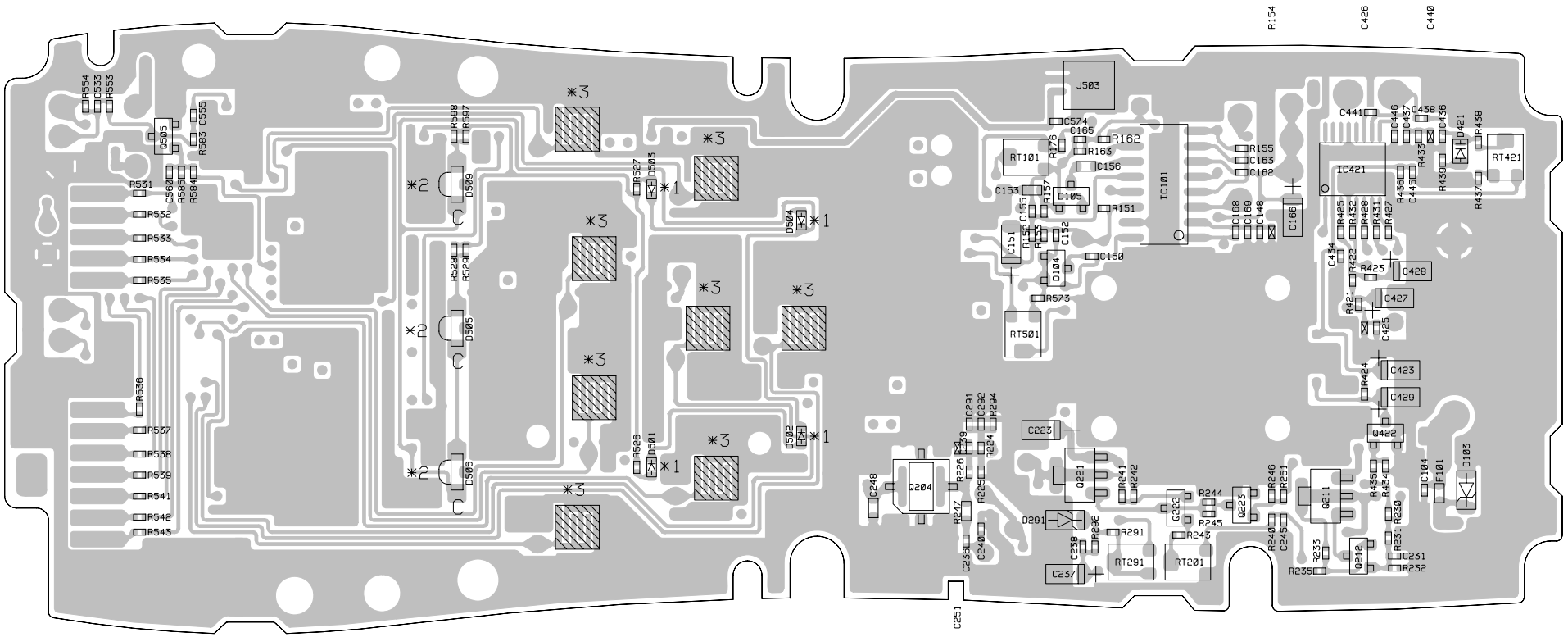
DP501	DL-0274
MC501	MK-0536

NOTE:
ALL PARTS SHOULD BE
FLAT ON PCB SURFACE.

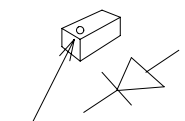
DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
04/12/20	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
YANAI	YANAI	TITLE	MAIN ASSY
CHECK. BY	APPRO. BY		PARTS ASS'Y TOP VIEW
		DRAWING NO.	
REV. NO.			UNIDEN CORP.

REVISIONS	REV. CODE																				
	DATE																				
	LOT#/RN#																				
	REVISED BY																				
	CHECKED BY																				

B101 PD-855BA (TOP VIEW)

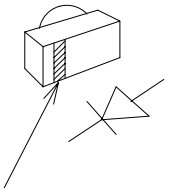


*1: D501, D502, D503, D504



CATHODE MARKING

*2: D505, D506, D509



CATHODE MARKING

*3 : DO NOT SOLDER THIS AREA

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
04/12/20	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
YANAI	YANAI	TITLE	MAIN ASSY
CHECK. BY	APPRO. BY		CHIP LAYOUT TOP VIEW 1/2
		DRAWING NO.	
REV. NO.			UNIDEN CORP.

C104	330P
C148	2P-B
C150	0.01
C151	16V 1.5 A C-0122
C152	330P
C153	0.22 1608
C155	0.001
C156	0.033 1608
C162	0.1
C163	0.1
C165	330P
C166	10V 10 A C-0122
C168	15P
C169	12P
C223	16V 2.2 A C-0122
C231	330P
C236	220P
C237	16V 2.2 A C-0122
C238	0.01
C239	330P
C240	27P
C245	330P
C248	10P 1608
C291	0.1
C292	330P
C423	16V 2.2 A C-0122
C425	330P
C427	35V 0.1 A C-0122
C428	16V 2.2 A C-0122
C429	16V 1 A C-0122
C434	330P
C436	10P
C437	47P
C438	0.001
C441	39P
C445	0.01
C446	0.01
C533	0.1
C555	0.1
C560	0.1
C574	330P

D103	HZK11B
D104	1SS226
D105	1SS226
D291	HZK5CLL
D421	HVU307
D501	LTST-C190GKT

D502	LTST-C190GKT
D503	LTST-C190GKT
D504	LTST-C190GKT
D505	LTST-S320GKT
D506	LTST-S320GKT
D509	LTST-S320GKT

F101	3.15 32 FS-0058

IC101	S1T3361D01-S0T0
IC421	TB31202FN

J503	JK-1190 2P

Q204	2SK3476
Q211	2SB1115-YL
Q212	2SC3052-1F
Q221	2SB1115-YL
Q222	2SC3052-1F
Q223	2SC3052-1F
Q422	2SC3052-1F
Q505	2SD1048-X6

R151	220K
R152	47K
R153	33K
R155	22K
R157	12K
R162	1K
R163	10K
R176	68K
R224	10K
R225	33K
R226	220
R230	4.7K
R231	1K
R232	100K
R233	2.7K
R235	1.8K
R240	1K
R241	1K

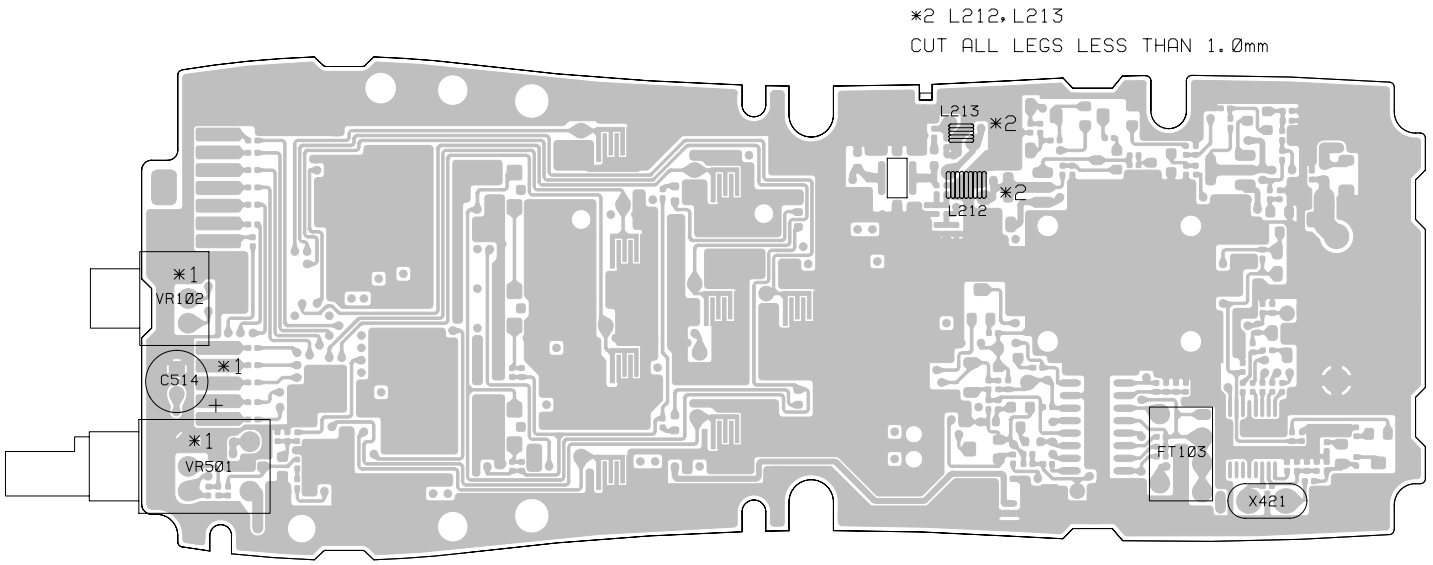
R242	1K
R243	1K
R244	1K
R245	1K
R246	100K
R247	10 1608
R251	1K
R291	680
R292	220
R294	1.5K
R421	0
R422	3.9K
R423	1K
R424	2.2K
R425	100
R427	1K
R428	1K
R431	1K
R432	470
R433	6.8K
R434	10K
R435	10K
R436	0
R437	0
R438	10K
R439	0
R526	560
R527	560
R528	390
R529	390
R531	1K
R532	1K
R533	1K
R534	1K
R535	1K
R536	1K
R537	1K
R538	1K
R539	1K
R541	1K
R542	1K
R543	1K
R553	15K
R554	22K
R573	0
R583	4.7K
R584	1.5K
R585	47K
R597	560

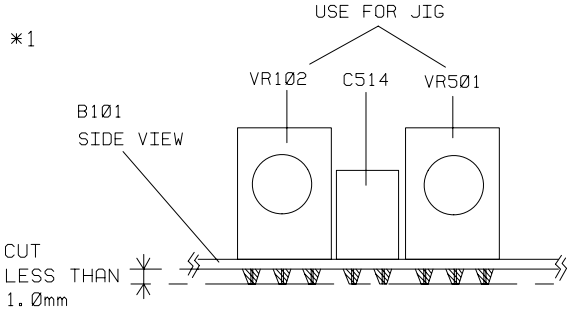
R598	560

RT101	10K RT-0583
RT201	4.7K RT-0583
RT291	4.7K RT-0583
RT421	100K RT-0583
RT501	22K RT-0583

REVISIONS	REV. CODE																				
	DATE																				
	LOT#/RN#																				
	REVISED BY																				
	CHECKED BY																				

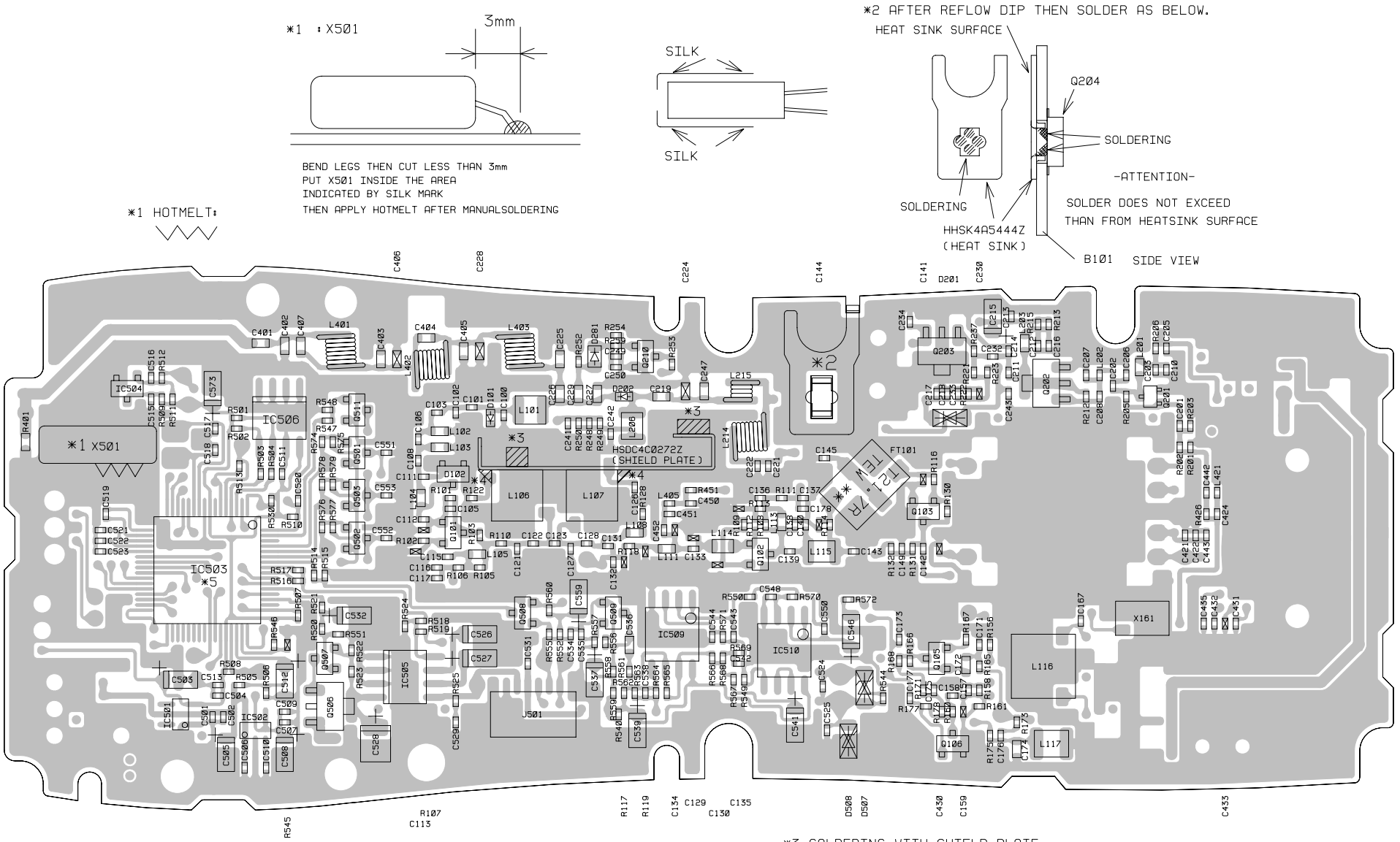
B101 PD-855BA (BOTTOM VIEW)





C514	6.3V 220UF C-0330
FT103	FL-1015
L212	LE-0545
L213	LE-0480
VR102	50KB RV-0925
VR501	50KA RV-0924
X421	21.25MHZ QX-0670

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
04/12/20	04/12/22	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
YANAI	YANAI	TITLE	MAIN ASSY
CHECK. BY	APPRO. BY	PARTS ASS'Y BOTTOM VIEW	
		DRAWING NO.	
REV. NO.		UNIDEN CORP.	



B101 PD-855BA (BOTTOM VIEW)

*3 SOLDERING WITH SHIELD PLATE
*4 SOLDERING WITH SHIELD PLATE AND COIL
*5 INSTALL IC503 AFTER PROGRAMMING

REVISIONS																					
	REV. CODE	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△
	DATE																				
	LOT#/RN#																				
	REVISED BY																				
	CHECKED BY																				

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
04/12/20	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
YANAI	YANAI	TITLE MAIN ASSY 1/2	
CHECK. BY	APPRO. BY	CHIP LAYOUT BOTTOM VIEW	
		DRAWING NO.	
REV. NO.		UNIDEN CORP.	

C100	18P
C101	220P
C102	9P
C103	8P
C105	3P-B
C106	1.5P-B
C108	8P
C111	22P
C112	15P
C115	0.001
C116	330P
C117	0.1
C121	68P
C122	18P
C123	1P-B
C126	27P
C127	27P
C128	1P-B
C131	18P
C132	47P
C133	47P
C136	0.001
C137	0.01
C138	22P
C139	22P
C140	47P
C142	0.01
C143	27P
C145	5P-B
C149	0.001
C157	10P
C158	0.0047
C167	0.1
C171	0.1
C172	0.027 1608
C173	0.1
C174	0.027 1608
C175	0.1
C176	0.1
C177	0.0033
C178	330P
C201	68P
C202	68P
C203	330P
C205	0.001
C206	18P
C207	18P
C208	120P
C210	0.01
C211	22P
C212	330P
C213	330P
C214	7P
C215	16V 2.2 A C-0122
C216	0.01
C217	330P
C218	0.1
C219	220P 1608
C221	330P
C222	0.1
C225	9P 1608
C226	220P 1608
C227	18P 1608
C229	2P-B 1608
C232	56P
C233	330P
C234	18P
C241	330P
C242	330P

C243	330P
C247	56P 1608
C249	330P
C250	0.1
C401	220P 1608
C402	9P 1608
C403	18P 1608
C404	5P-B 1608
C405	18P 1608
C407	1.5P-B 1608
C421	0.1
C422	0.001
C424	5P-B
C431	330P
C432	330P
C435	330P
C442	33P
C443	330P
C450	33P
C451	33P
C452	4P-B
C501	330P
C502	0.1
C503	10V 10 A C-0122
C504	0.1
C505	16V 2.2 A C-0122
C506	0.01
C507	0.1
C508	16V 2.2 A C-0122
C509	0.01
C510	0.022
C511	0.1
C512	16V 2.2 A C-0122
C513	0.1
C515	0.1
C516	0.001
C517	22P
C518	22P
C519	0.1
C520	0.001
C521	0.1
C522	0.1
C523	0.1
C524	330P
C525	330P
C526	10V 10 A C-0122
C527	16V 1 A C-0122
C528	10V 33 B C-0284
C529	0.1
C531	330P
C532	16V 1.5 A C-0122
C534	0.012
C535	330P
C536	0.01 1608
C537	16V 2.2 A C-0122
C538	0.01
C539	10V 10 A C-0122
C541	10V 10 A C-0122
C542	0.0047
C543	0.0027
C544	0.0015
C546	10V 10 A C-0122
C548	270P
C550	0.0068
C551	0.01
C552	0.01
C553	0.01
C559	10V 10 A C-0122
C573	10V 10 A C-0122

D101	1SV308
D102	1SS226
D202	1SV308
D281	MA728

FT101	FL-1049

IC501	RN5RL35A
IC502	NJM2870F36(TE1)
IC503	UPD78F9456GB-8EU
IC504	R3111N282A
IC505	TDA7233D
IC506	BR24L04F-WE2
IC509	NJM4558M
IC510	NJM4558M

J501	JK-1190 6P

L101	47nH LZ-0143
L102	0.12uH LZ-0214
L103	0.12uH LZ-0214
L104	68nH LZ-0183
L105	39nH LZ-0214
L106	LF-0314
L107	LF-0314
L108	82nH LZ-0269
L111	56nH LZ-0183
L113	1.5uH LZ-0220
L114	0.15uH LZ-0199
L115	2.7uH LZ-0087
L116	LF-0312
L117	1mH LZ-0088
L201	150nH LZ-0183
L202	68nH LZ-0238
L203	68nH LZ-0214
L206	0.68uH LZ-0087
L214	LE-0464
L215	LE-0491
L401	LE-0464
L402	LE-0464
L403	LE-0464
L405	39nH LZ-0238
L421	18nH LZ-0238

Q101	2SC3356-R24
Q102	2SC3356-R24
Q103	2SC2714-Y
Q105	2SC3052-1F
Q106	2SC3052-1F
Q201	2SC5065-Y
Q202	2SC3357
Q203	2SK3475
Q210	2SC3052-1F
Q501	2SA1235A-1F
Q502	2SA1235A-1F
Q503	2SA1235A-1F
Q506	2SB1115-YL
Q507	2SC3052-1F
Q508	2SA1235A-1F
Q509	2SC2712-Y
Q511	2SC3052-1F

R101	47K

R102	0
R103	0
R105	820
R106	10
R108	1K
R109	0
R110	0
R111	180
R112	0
R113	270K
R114	820
R116	1.5K
R118	0
R122	0
R128	0
R130	100K
R131	1K
R132	47
R156	56K
R158	100K
R160	1.5K
R161	56K
R165	10K
R166	560K
R167	180
R168	4.7K
R171	270
R173	1K
R175	330
R177	220K
R178	5.6K
R201	150
R202	39
R203	150
R205	33K
R206	100
R212	15K
R213	18
R215	18
R221	220
R222	33K
R223	10K
R237	33
R248	680
R249	680
R250	680
R252	120
R253	1K
R254	47K
R259	47K
R401	5.6K 1608
R426	100
R451	47
R501	10K
R502	10K
R503	1K
R504	1K
R505	22K-F
R506	12K-F
R507	33K
R508	33K
R509	820
R510	33K
R511	56K
R512	0
R513	0
R514	1K
R515	10K
R516	220K

R517	12K
R518	120K
R519	3.3K
R520	10K
R521	33K
R522	270
R523	470
R524	5.6K
R525	10
R530	4.7K
R540	10
R544	8.2K
R546	33K
R547	3.3K
R548	10K
R549	10K
R550	39K-F
R551	1M
R552	3.9K
R555	33K
R556	470K
R557	390
R558	1K
R559	1.5K
R560	1K
R561	1.8K
R562	33K
R563	100K
R564	100K
R565	470K
R566	2.2K
R567	4.7K
R568	6.8K
R569	33K-F
R570	39K-F
R571	33K-F
R572	10K
R574	1K
R575	10K
R576	1K
R577	10K
R578	1K
R579	10K

X161	21.245MHz QX-816
X501	3.6864MHz QX-0722

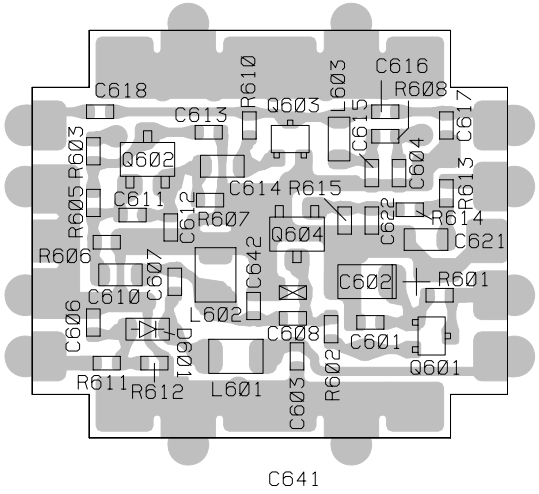
NOTES - chip bottom:

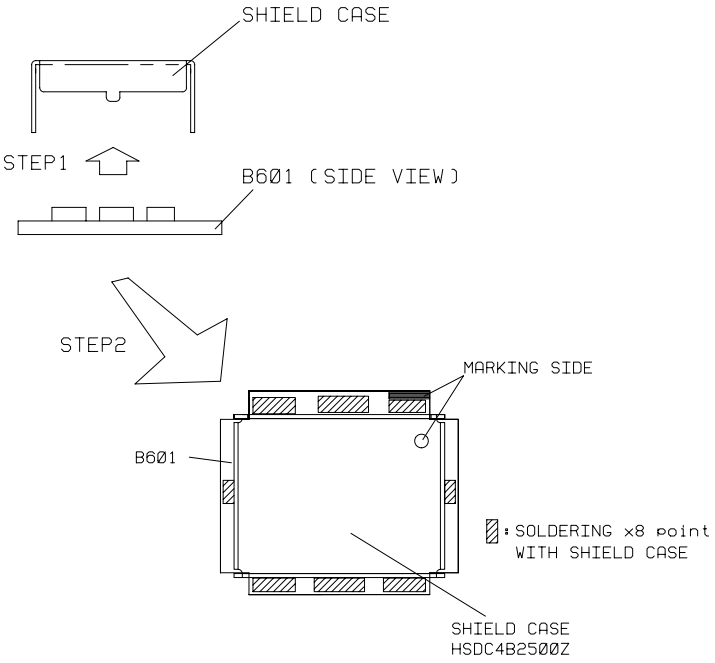
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K-KILO OHM. M-MEG OHM.)
2. RESISTOR WATTAGES ARE 1/16W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P-MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE CH (LESS THAN 270PF) OR B (MORE THAN 270PF) UNLESS OTHERWISE NOTED.
5. ALL CAPACITORS SIZE ARE 1005 UNLESS OTHERWISE NOTED.
6. CHIP PARTS ARE NOT SPECIFIED IN THIS DRAWING PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
	2004/12/20	UT606ZH/BH	PM-1000WP/ATLANTIS 250/CE
	YANAI KENJI	TITLE MAIN ASSY	
CHECK. BY	APPRO. BY	CHIP LAY OUT BOTTOM VIEW 2/2	
		DRAWING NO.	
REV. NO.		UNIDEN CORP.	

B601

PD-857AA (TOP VIEW)





REVISIONS																				
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	DATE																			
	LOT#/RN#																			
	REVISED BY																			
	CHECKED BY																			

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
	04/12/24	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
	YANAI	TITLE VCO ASSY	
CHECK. BY	APPRO. BY	CHIP LAYOUT TOP VIEW 1/2	
		DRAWING NO.	
REV. NO.		UNIDEN CORP.	

C601	330P
C602	10V 2.2 P CZ-0239
C603	330P
C604	330P
C606	0.01
C607	27P
C608	7P-C
C610	8P 1608
C611	27P
C612	27P
C613	0.01
C614	10P 1608
C615	0.01
C616	18P
C617	1P-B
C618	56P
C621	1 1608
C622	330P
C642	7P-C

D601	HVC350B TRF

L601	1uH LZ-0199
L602	47nH LZ-0270
L603	100nH LZ-0218

Q601	2SC5383-T11-1E
Q602	2SC4226-R24
Q603	2SC4915-Y
Q604	2SC5065-Y

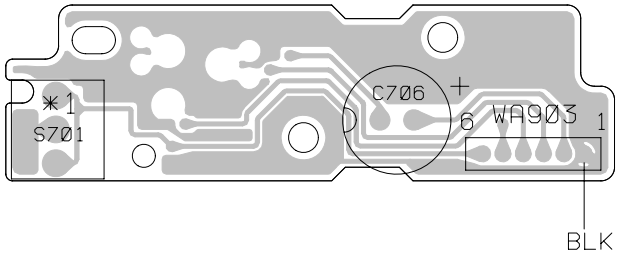
R601	3.3K
R602	100K
R603	18
R605	3.3K
R606	15K
R607	390
R608	120
R610	27K
R611	47K
R612	150
R613	1K
R614	3.3K
R615	47K

NOTES - chip top:

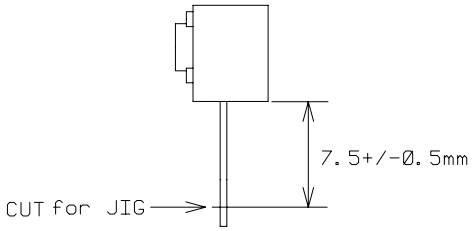
1. RESISTANCE VALUES ARE SHOWN IN OHMS
   UNLESS OTHERWISE NOTED.
   (K-KILO OHM. M-MEG OHM.)
2. RESISTOR WATTAGES ARE 1/16W
   UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN
   MICRO FARADS UNLESS OTHERWISE NOTED.
   (P-MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE
   CHARACTERISTICS ARE CH (LESS THAN 270PF)
   OR B (MORE THAN 270PF)
   UNLESS OTHERWISE NOTED.
5. ALL CAPACITORS SIZE ARE 1005
   UNLESS OTHERWISE NOTED.
6. CHIP PARTS ARE NOT SPECIFIED IN THIS DRAWING
   PLEASE REFER TO THE PARTS LIST
   FOR THE CHIP PARTS.

DESIGN.BY	DRAWN.BY	UNIDEN NO.	MODEL NO.
	2004/12/24	UT606ZH/BH	PM-1000 WP/ATLANTIS 250/CE
	YANAI KENJI	TITLE VCO ASSY	
CHECK.BY	APPRO.BY	CHIP LAY OUT TOP VIEW 2/2	
		DRAWING NO.	
REV. NO.		UNIDEN CORP.	

B701 PD-856AB (TOP VIEW)



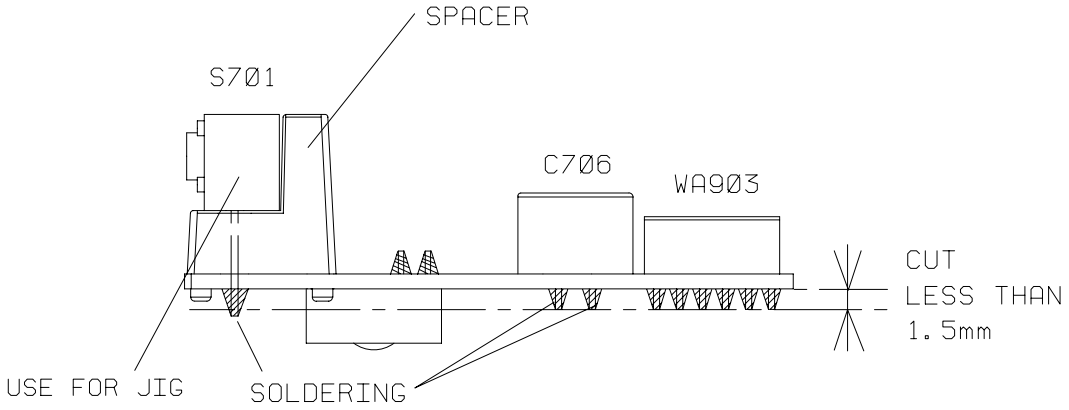
*1 S701



C706	10V 220UF CZ-0201

S701	SW-0824

WA903	W-072241



REVISIONS																					
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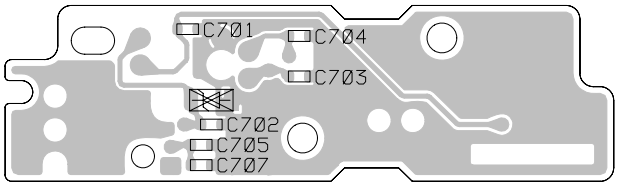
	DATE																				
	LOT#/RN#																				
	REVISED BY																				
	CHECKED BY																				

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
	YANAI	TITLE JACK ASSY	
CHECK. BY	APPRO. BY	PARTS ASS'Y TOP VIEW	
		DRAWING NO.	
REV. NO.		UNIDEN CORP.	

B701 PD-856AB (TOP VIEW)



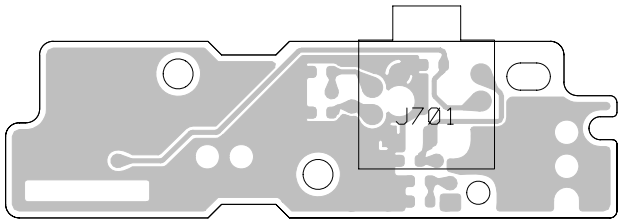
D701

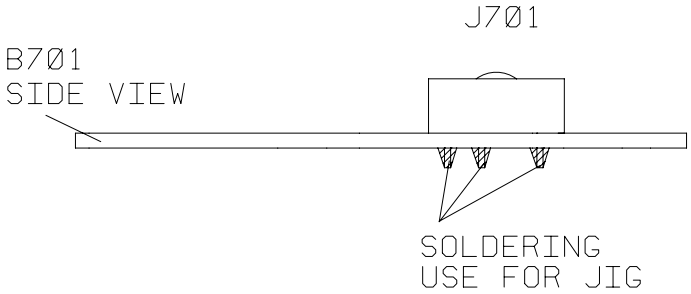
C701	330PF/CH 1608
C702	330PF/CH 1608
C703	330PF/CH 1608
C704	330PF/CH 1608
C705	330PF/CH 1608
C707	1UF/B 1608

REVISIONS																					
	REV. CODE	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△
	DATE																				
	LOT#/RN#																				
	REVISED BY																				
	CHECKED BY																				

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
	YANAI	TITLE	JACK ASSY CHIP LAYOUT TOP VIEW
CHECK. BY	APPRO. BY		
		DRAWING NO.	
REV. NO.			UNIDEN CORP.

B701 PD-856AB (BOTTOM VIEW)

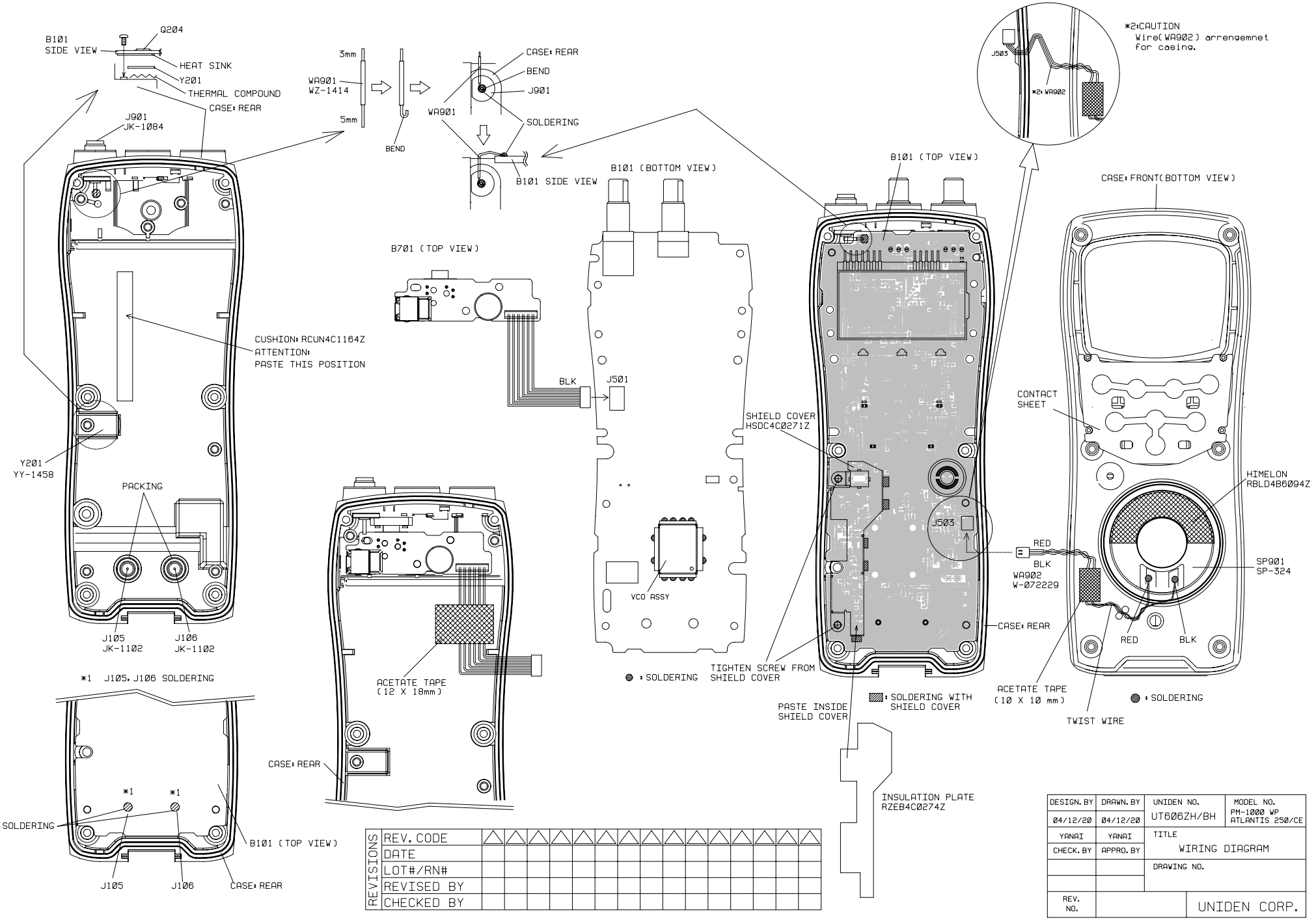




J701	JK-1035 5P

REVISIONS																					
	REV. CODE	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△
	DATE																				
	LOT#/RN#																				
	REVISED BY																				
	CHECKED BY																				

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
	YANAI	TITLE	JACK ASSY
CHECK. BY	APPRO. BY	PARTS ASS'Y BOTTOM VIEW	
		DRAWING NO.	
REV. NO.			UNIDEN CORP.



REVISIONS																	
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	DATE																
	LOT#/RN#																
	REVISED BY																
	CHECKED BY																

DESIGN. BY	DRAWN. BY	UNIDEN NO.	MODEL NO.
04/12/20	04/12/20	UT606ZH/BH	PM-1000 WP ATLANTIS 250/CE
YANAI	YANAI	TITLE	
CHECK. BY	APPRO. BY	WIRING DIAGRAM	
		DRAWING NO.	
REV. NO.		UNIDEN CORP.	